

THE COMMISSIONER OF PATENTS AND TRADEMARKS
WASHINGTON, D.C. 20231

Sir:

Transmitted herewith for filing is the Utility patent application of:

INVENTOR: MASAYUKI TAKASE, NORIHIKO MORIWAKI, MITSUHIRO
WADA, HIROAKI KASAHARA and TAKAHICO KOZAKIFOR: LEAKY BUCKET TYPE TRAFFIC SHAPER AND
BANDWIDTH CONTROLLER

Enclosed are:

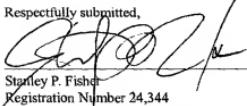
- 14 sheets of formal informal drawings.
- Transmittal of Japanese Patent app. 2001-399076 to claim priority date of December 28, 2001.
- Applicant requests non-publication.
- An assignment of the invention to Hitachi, Ltd.
- An Information Disclosure Statement with references.
- An Executed Declaration

☒ The filing fee is calculated as shown below:

FOR	NUMBER FILED	NUMBER EXTRA	RATE	CALCULATIONS
TOTAL CLAIMS	16	-20	x\$18 =	0.00
INDEPENDENT CLAIMS	4	-3	x\$84 =	84.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+\$280 = \$
			BASIC FEE	\$740.00
			TOTAL OF ABOVE	824.00
REDUCTION BY $\frac{1}{2}$ FOR FILING BY SMALL ENTITY (note 37 C.F.R. §§ 1.9, 1.27, 1.28). IF APPLICABLE, VERIFIED STATEMENT MUST BE ATTACHED				
			TOTAL	824.00

- Please charge my **Deposit Account Number** _____ in the amount of _____ to cover the filing and assignment recordation fees. A duplicate copy of this paper is enclosed.
- A check in the amount of **\$864.00** to cover the filing fee and assignment recordation fee is enclosed.
- The Commissioner is hereby authorized to charge any additional fees associated with this communication, including patent application filing fees and processing fees under 37 C.F.R. § 1.16 and 1.17, or credit any overpayment to **Deposit Account Number 08-1480**.

Respectfully submitted,



Stanley P. Fisher
Registration Number 24,344

JUAN CARLOS A. MARQUEZ
Registration No. 34,072

REED SMITH LLP
3110 Fairview Park Drive
Suite 1400
Falls Church, Virginia 22042
(703) 641-4200
February 22, 2002



202220100076583

J1011 U.S. PTO
10/07/2003
02/22/04